

```

Dim oSheet
Dim oRange      ' A range is needed to create the sort descriptor.
Dim oSortDescriptor
Dim i%
Dim s$
Dim oDoc          'Reference newly created calc document.

oDoc = StarDesktop.loadComponentFromURL("private:factory/scalc", "_default",
0, Array())
oSheet = oDoc.Sheets(0)
oRange = oSheet.getCellRangeByName("B28:D33")
oSortDescriptor = oRange.createSortDescriptor()
For i = LBound(oSortDescriptor) To UBound(oSortDescriptor)
    s = s & oSortDescriptor(i).Name & " = "
    s = s & oSortDescriptor(i).Value
    s = s & CHR$(10)
Next
MsgBox s, 0, "Sort Descriptor"
End Sub

```

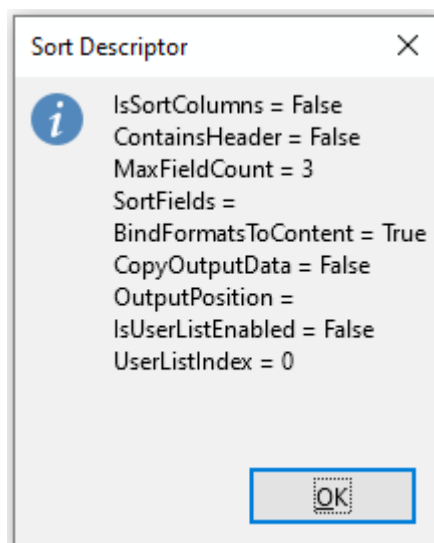


Figure 464: Sort descriptor properties

Filtering

A filter is a tool that hides or displays records within a sheet based on a set of filtering criteria. Similar to sorting, filters are useful for narrowing down long lists of data in order to find particular data items. In Calc, three types of filter exist:

- AutoFilters
- Standard filters
- Advanced filters.

Filters are also described in Chapter 2, Entering, Editing, and Formatting Data.